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OSMM&N File No. 251023US2S

Dept.: E/M

By: EHK/RFF/ys

Serial No. 10/807,454

In the matter of the Application of: Yoshihisa IWATA et al.

For: SEMICONDUCTOR MEMORY DEVICE HAVING MEMORY CELLS
INCLUDING FERROMAGNETIC FILMS AND CONTROL METHOD
THEREOF

Due Date: January 25, 2006

The following has been received in the U.S. Patent Office on the date stamped hereon

- Credit Card Form for \$180.00
- Dep. Acct. Order Form
- Information Disclosure Statement
- PTO-1449
- Cited References (3)
- Japanese Office Action with English Translation



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Linked to OPTMS	
DATE	CASE ID

Docket No. 251023US2S



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yoshihisa IWATA et al.

SERIAL NO: 10/807,454

GAU: 2827

ALLOWED: December 6, 2005

FILED: March 24, 2004

EXAMINER: PHAN, T. Q.

FOR: SEMICONDUCTOR MEMORY DEVICE HAVING MEMORY CELLS INCLUDING FERROMAGNETIC FILMS
AND CONTROL METHOD THEREOF

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449, which were cited in the attached Japanese Office Action. An English translation of the Japanese Office Action and copies of the listed references are attached.
- ☒ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☒ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

COPY

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)
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Eckhard H. Kuesters

Registration No. 28,870

Remus F. Fetea, Ph.D.

Limited Recognition No. L0037

Linked to OPTIM

DATE

CASE ID

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

251023US2S

SERIAL NO.

10/807,454

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yoshihisa IWATA et al.

ALLOWED DATE

December 6, 2005

FILING DATE

March 24, 2004

GROUP

2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	2003-173672	06/20/2003	JAPAN		X
	AP	2003-257175	09/12/2003	JAPAN		X
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Takeshi HONDA et al., "MRAM-Writing Circuitry to Compensate for Thermal-Variation of Magnetization-Reversal Current", 2002 Symposium On VLSI Circuits Digest of Technical Papers, IEEE, June 2002, pp. 156-157.				
	AX					
	AY					
	AZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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